

What is claimed is:

1. A construction management system, comprising:
a handheld computer adapted to collect construction quality data from the field;
a planning system to track budgetary information;
a design system to perform site engineering assessment; and
a construction system to track material consumption and progress for each project, the
construction system adapted to receive quality data collected from the handheld computer,
store daily project reports and generate key indicator reports.

2. The system of claim 1, wherein the handheld computer collects work in progress data.
3. The system of claim 1, wherein the handheld computer collects project and contract identification, inspector identification, item number, location, and one or more description of activities.
4. The system of claim 1, wherein the handheld computer collects labor related information.
5. The system of claim 1, wherein the handheld computer collects labor type, quantity and hours.
6. The system of claim 1, wherein the handheld computer collects equipment information.
7. The system of claim 1, wherein the handheld computer collects equipment type, quantity, hours in use and stand-by hours.
8. The system of claim 1, wherein the handheld computer collects submittal information.

9. The system of claim 1, wherein the handheld computer collects weather condition, comments, and an inspector name.
10. The system of claim 1, wherein the handheld computer hot-syncs collected information to a server.
- 5 11. The system of claim 10, wherein the collected information is hot-synced wirelessly using a wireless handheld unit.
12. The system of claim 10, further comprising a modem coupled to the handheld computer, wherein the information can be hot-synced using a modem.
- 10 13. The system of claim 10, further comprising a hot-sync cradle coupleable to the handheld computer, the cradle hot-syncing the collected information for transmission to a server.
- 15 14. A method for managing a construction project, comprising:
collecting construction data from the field with a handheld computer;
tracking budgetary information using a planning system;
performing site engineering assessment using a design system; and
tracking material consumption and progress for each project using a construction system, the construction system adapted to receive data collected from the handheld computer, store daily project reports and generate key indicator reports.
- 20 15. The method of claim 14, further comprising collecting work in progress data using the handheld computer.
16. The method of claim 14, further comprising collecting labor related information using the handheld computer.

17. The method of claim 14, further comprising collecting equipment information using the handheld computer.
18. The method of claim 14, further comprising collecting submittal information using the handheld computer.
19. The method of claim 14, wherein the handheld computer collects project and contract identification, inspector identification, item number, location, one or more description of activities, labor type, quantity, hours, weather condition, comments, and an inspector name.
20. The method of claim 14, further comprising hot-syncing collected information to a server over land-line or wireless medium.
21. The method of claim 14, further comprising collecting field testing information using the handheld computer.
22. The method of claim 14, further comprising collecting quality assurance testing information using the handheld computer.